

**GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA**

UNSTARRED QUESTION NO:2997
ANSWERED ON:06.12.2007
HYDROGEN BLENDED CNG
Chowdhury Shri Adhir Ranjan;Nikhil Kumar Shri

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) whether the Union Government propose to introduce Hydrogen Blended CNG in the capital for vehicles;
- (b) if so, to what extent Hydrogen Blended CNG will be more powerful and economical for CNG vehicle owners;
- (c) whether preliminary tests of Hydrogen Blended CNG have been conducted; and
- (d) if so, the details in this regard?

Answer

MINISTER OF PETROLEUM & NATURAL GAS (SHRI MURLIDEORA)

- (a) & (b): The project for establishing feasibility of Hydrogen Blended CNG is at on exprimental stage.
- (c) & (d): Studies are being conducted on passenger cars, mini buses and 3-wheelers using 10% to 30% Hydrogen in CNG. Initial tests indicate feasibility of using H₂-CNG blends in automotive vehicles. However, for emission benefits, engine optimization would be necessary, which has been taken up with vehicle manufactures.